

COURSE DETAIL

DATA ANALYTICS AND MACHINE LEARNING 4

Country

United Kingdom - Scotland

Host Institution

University of Edinburgh

Program(s)

University of Edinburgh

UCEAP Course Level

Upper Division

UCEAP Subject Area(s)

Electrical Engineering

UCEAP Course Number

172

UCEAP Course Suffix**UCEAP Official Title**

DATA ANALYTICS AND MACHINE LEARNING 4

UCEAP Transcript Title

DATA ANALYTICS 4

UCEAP Quarter Units

4.00

UCEAP Semester Units

2.70

Course Description

The course provides engineering students with the skills to process and examine different forms of data in Python, and an understanding of how machine learning methods can use this data to solve classification and regression problems. Students learn how to implement these methods in Python using Scikit-learn. Students gain an awareness of when it is appropriate to use a particular method (if any), best practices, and the ethical issues that can occur when sourcing data and deploying machine learning in the real world.

Language(s) of Instruction

English

Host Institution Course Number

ELEE10031

Host Institution Course Title

DATA ANALYTICS AND MACHINE LEARNING 4

Host Institution Campus

Host Institution Faculty

School of Engineering

Host Institution Degree

Host Institution Department

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